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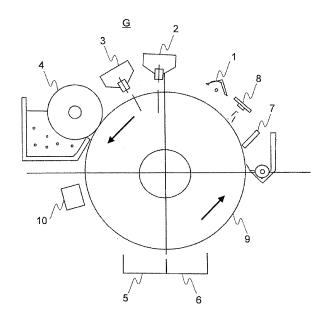
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# (54) Image forming apparatus and program

(57)An image forming apparatus (G) includes a number-of-overlap-pixels determination unit (300) configured to determine number of the light emitting elements overlapping at ends of two light emitting element array units (2, 3) adjacent to each other in a main scanning direction based on transition of density in a plurality of test pattern images. A plurality of test pattern data are configured to cause the light emitting elements of each of the two light emitting element array units to operate such that a predetermined number of the turned on light emitting elements and the predetermined number of the turned off light emitting elements are alternately and repeatedly arranged, and positions of the turned on light emitting elements and the turned off light emitting elements of one of the two light emitting element array units are sequentially shifted for each of a plurality of test patterns.

# FIG.1



EP 2 444 850 A3



## **EUROPEAN SEARCH REPORT**

Application Number

EP 11 18 1321

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Category Y Y	Citation of document with indication of relevant passages  JP 2002 052757 A (FUJI 19 February 2002 (2002- * the whole document *	XEROX CO LTD)	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)	
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## EP 2 444 850 A3

#### ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 11 18 1321

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